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2j5f



CRYSTAL STRUCTURE OF EGFR
KINASE DOMAIN IN COMPLEX
WITH AN IRREVERSIBLE
INHIBITOR 34-JAG

Characteristics

Release Date: 27-Feb-2007 Exp. Method:
Resolution: 3.00 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GRC
FACTOR RECEPTOR Fragment: KIN/
RESIDUES 696-1022 Chains: A EC
no.: 2.7.10.1

Authors

Yun, C.-H., Eck, M.J.

2j6m



CRYSTAL STRUCTURE OF EGFR
KINASE DOMAIN IN COMPLEX
WITH AEE788

Characteristics

Release Date: 03-Apr-2007 Exp. Method:
Resolution: 3.10 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GRC
FACTOR RECEPTOR Fragment: KIN/
RESIDUES 696-1022 Chains: A EC
no.: 2.7.1.112 2.7.10.1 Other
696-1022 WILD-TYPE

Authors

Yun, C.-H., Boggan, T.J., Li, Y., Wo
S., Greulich, H., Meyerson, M., Eck

2itn



CRYSTAL STRUCTURE OF EGFR
KINASE DOMAIN G719S MUTATION
IN COMPLEX WITH AMP-PNP

Characteristics

Release Date: 03-Apr-2007 Exp. Method:
Resolution: 2.47 Å

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Classification Transferase

Compound Polymer: **1** Molecule: **EPIDERMAL GROWTH FACTOR RECEPTOR** Fragment: **KIN/RESIDUES 696-1022** Mutation: **YES**

no.: 2.7.10.1

Authors Yun, C.-H., Boggon, T.J., Li, Y., Wo S., Greulich, H., Meyerson, M., Eck

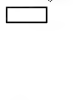
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CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN L858R MUTATION IN COMPLEX WITH AMP-PNP

Characteristics Release Date: **03-Apr-2007** Exp. Method: Resolution: **2.47 Å**

Classification Transferase



Compound Polymer: **1** Molecule: **EPIDERMAL GROWTH FACTOR RECEPTOR** Fragment: **KIN/RESIDUES 696-1022** Mutation: **YES**

no.: 2.7.10.1

Authors Yun, C.-H., Boggon, T.J., Li, Y., Wo S., Greulich, H., Meyerson, M., Eck

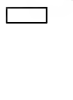
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CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN T790M MUTATION

Characteristics Release Date: **22-Jan-2008** Exp. Method: Resolution: **3.10 Å**

Classification Transferase



Compound Polymer: **1** Molecule: **EPIDERMAL GROWTH FACTOR RECEPTOR** Fragment: **KIN/RESIDUES 696-1022** Mutation: **YES**

EC no.: 2.7.1.112 Other Details: **EG T790M**

Authors Yun, C.-H., Mengwasser, K.E., Tom M.S., Greulich, H., Wong, K.-K., Ma M., Eck, M.J.

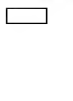
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CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN T790M MUTATION IN COMPLEX WITH AMP-PNP

Characteristics Release Date: **22-Jan-2008** Exp. Method: Resolution: **3.05 Å**

Classification Transferase



Compound Polymer: **1** Molecule: **EPIDERMAL GROWTH FACTOR RECEPTOR** Fragment: **KIN/RESIDUES 696-1022** Mutation: **YES**

EC no.: 2.7.1.112 Other Details: **EG T790M**

Authors Yun, C.-H., Mengwasser, K.E., Tom M.S., Greulich, H., Wong, K.-K., Ma M., Eck, M.J.

☒ 2jiv



CRYSTAL STRUCTURE OF EGFR KINASE DOMAIN T790M MUTATION

**Characteristics**

IN COMPLEX WITH HKI-272

Release Date: 22-Jan-2008 Exp. Method:

Resolution: 3.50 Å

Classification

Transferase

Compound

Polymer: 1 Molecule: EPIDERMAL GROWTH FACTOR RECEPTOR Fragment: KINASE RESIDUES 695-1022 Mutation: YES

EC no. 2.7.1.112  2.7.10.1  Oil
Details: EGFR 696-1022 T790M**Authors**Yun, C.-H., Mengwasser, K.E., Tom
M.S., Greulich, H., Wong, K.-K., Ma
M., Eck, M.J.

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